

5 November 1957

MEMORANDUM FOR: CONTRACTING OFFICER

SUBJECT : Status of Westinghouse Terrain Avoidance Radar
System

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1. Phase I of the project was successfully completed with delivery of the Design Specification as required. The specification, dated 28 June 1957, was received on 9 July. It has been reviewed and found to be, with a few exceptions, acceptable. These exceptions have been discussed with Westinghouse and the necessary additions and corrections have been made in the form of progress reports and supplementary drawings.

2. When the system design was turned over to PP/AMD for evaluation and incorporation in the aircraft, it became apparent that mounting problems for the antenna would be difficult to overcome. In the last three months Westinghouse has made every effort to modify the design mounting requirements to be compatible, but without success. Technically the system is very promising, but without sufficient mounting space for the antenna it cannot be used on the aircraft.

3. As a result of the above, PP/AMD has advised TSS/APD that the Westinghouse system does not meet their requirement (even though it exceeds the design objectives in performance, size, weight, etc.). At the present TSS/APD is preparing a memorandum to the Chief, TSS, suggesting a briefing for the DDCI on the problem. Permission to proceed on the project came directly from the Deputy Director and its apparent fate should also be made known to him. TSS/APD is recommending continuation of the project to its completion with the military services becoming the beneficiary of the research and development.

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